

Life Sciences



Life Sciences in Indiana

- Indiana is one of the nation's top four life science leaders in terms of the number and concentration of life science jobs. (Battelle Memorial Institute, 2006)
- Indiana has seven metro areas that have a concentration of employment in drugs and pharmaceuticals 50 percent greater than the national average.
- Indiana has the second highest concentration of biopharmaceutical jobs in the nation.
- Indiana's pharmaceutical industry ranks fifth in the nation in terms of sales, shipments, receipts and revenues.
- About 18 percent, or \$69 billion, of Indiana's economic output is tied to the life sciences industry.
- More than 578,000 Indiana jobs—one in nine of all jobs in the state—are directly or indirectly tied to the life sciences and health care industry.

LIFE SCIENCES PLAYERS IN INDIANA

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|------------------------|-------------------------|
| • Baxter | • Dow AgroSciences |
| • Bayer Diagnostics | • Eli Lilly and Company |
| • Beckman Coulter | • Hill-Rom |
| • Boston Scientific | • Roche Diagnostics |
| • Biomet | • Schwarz Pharma |
| • Bristol-Myers Squibb | • WellPoint |
| • Cook Group | • Zimmer |
| • DePuy Orthopedics | |

Pharmaceutical and medical device industry leaders like Eli Lilly and Company, Zimmer, Biomet and DePuy Orthopedics are based in Indiana. The state is also home to WellPoint, a health benefits company; Roche Diagnostics, the top medical diagnostics company in the world; the Indiana Health Information Exchange, which helps improve patient safety and healthcare efficiency by delivering information at the most critical time; and the Regenstrief Institute, which is the world's largest database of electronic medical records.

Life Sciences Initiatives

- *BioCrossroads* (www.biocrossroads.com) is aimed at developing specific collaborations between and within the region's research universities, government and private industry.
- *The Indiana Health Industry Forum* (www.ihif.org) is devoted to creating an environment where Indiana is a premier location for the creation and growth of successful health industry enterprises.
- *The Indiana Genomics Initiative* creates a world-class biomedical enterprise built on existing strengths at Indiana University's School of Medicine and Office of Information Technology.

Tax Incentives

Along with incentives offering support for infrastructure, training and payroll-based tax credits, new incentives have been designed to stimulate business:

- *The Technology Enhancement Certification for Hoosiers Fund* provides financial assistance to companies that are committed to training their workers on the latest information technology.
- *The Hoosier Business Investment tax credit* — Transportation, distribution and logistical equipment purchases have been added to the list of equipment qualifying for this tax credit.
- *The Research and Development Tax Credit* provides an exemption to companies on the amount they paid in state sales taxes on research and development equipment, including laboratory equipment, computers, computer software, telecommunications equipment or testing equipment.
- *Patent Income Tax Exemption* program provides a state tax exemption on some income derived from federal patents for new technology or processes.



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Continued from page 1

Education

Indiana's higher education institutions are rich with life sciences curricula and resources:

BALL STATE UNIVERSITY

- Nation's #1 wireless campus
- Human Performance Laboratory
- Miller College of Business

INDIANA UNIVERSITY

- IU School of Medicine
- Center for Genomics and Bioinformatics
- Gill Center for Biomolecular Science
- IU Research and Technology Corporation
- IU Emerging Technologies Center
- Kelley School of Business

IUPUI

- School of Informatics
- Collaboration in the Life Sciences and Informatics Research (CLSIR)
- The Regenstrief Institute

IVY TECH COMMUNITY COLLEGE

Biotechnology Programs Serve:

- Medical Manufacturing
- Pharmaceuticals
- Agriculture

PURDUE UNIVERSITY

- Purdue Research Foundation
- Purdue Discovery Park
- Purdue Research Park
- College of Engineering
- College of Veterinary Medicine

ROSE-HULMAN INSTITUTE OF TECHNOLOGY

- Rose-Hulman Ventures
- Biomedical engineering degree
- Nation's #1 Master's level engineering school

UNIVERSITY OF NOTRE DAME

- Notre Dame Energy Center
- Center for Nano Science and Technology
- Radiation Laboratory

Workforce

- *Technology Recruitment Program*—helps Indiana businesses recruit students from Indiana as well as neighboring states.
- *Brain Gain Project*—creates both internship and cooperative opportunities linking Indiana universities with Indiana businesses.
- *Flexibility*—Indiana has a seasoned workforce with transportation, distribution and logistics (TDL) expertise. The progressive mindset of Indiana's TDL sector is a motivator for economic growth.
- *Talent*—Indiana's skilled workforce has deep roots in supply-chain management from a manufacturing and academic climate. The state's institutions of higher learning strongly support that talent.
- *Technology*—Indiana is investing in and applying new technologies and the latest scientific discoveries, highlighted by the success of Indiana's life sciences industry.

